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安徽通泉草属一新种

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A NEW SPECIES OF *MAZUS* FROM ANHUI

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Abstract One new species of the genus *Mazus* i. e. *M. xiuningensis* X. H. Guo et H. L.Liu. (Scrophulariaceae) is described as new from Anhui Province of China.
key words *Mazus*; *M. xiuningensis*

关键词 通泉草属;休宁通泉草

休宁通泉草 新种 图 1

Mazus xiuningensis X. H. Guo et X. L. Liu, sp. nov.

Habitu M. henryi Tsoog proxima, sed ovario puberulo, calyce minore infra 5 mm longo, lobis calycis longitudine 1/3 calycis partes superantibus, lobis labii superi corollae apice irregulariter odonto-lobatis differt.

Herba perennis. Caulis caespitosus, ramosissimus, dense puberulus, inferne procumbens, ad nodos radicans et a nodis rosulas foliorum emittens. Folia basalia et caulina; folia basalia rosulata, rotundata, ovata vel elliptica, 1—6 cm longa, 0.8—4 cm lata, apice obtusa vel dentato-acuta, basi abrupte contracta, cuneato-decursiva, margine irregulariter laxe repando-serrata, utrinque laxe strigosa, petiolo 1.5—6.5 cm longo, dense puberulo; folia caulina opposita vel alterna, eis basalibus similia sed minora, superiora gradatim brevius petiolata. Racemus terminalis, pendunculo gracili dense puberulo, floribus laxis 3—10, pedicello 0.5—6 cm longo, dense puberulo; calyx late campanulatus, 3—5 mm longus, extra dense puberulo, 5-lobato, lobis ovatis 2—2.5 mm longis; corolla alba vel subrosea, bilabiata, tubo 6—8 mm longo, labio supero erecto 4—6 mm longo, apice 2-lobato, lobis apice irregulariter odonto-lobato, labio infero lato 3-lobato, supra faucem projecturis duobus sublinearibus luteo- et purpureo-punctatis dense clavato-glanduloso-puberulis praedito, lobo mediano 7—9 mm longo, lobis lateralibus 5.5—7.5 mm longis; stamina 4, anteriora posterioribus longiora, tubo corollae affixa, filamentis anteribus 3.5—4.5 mm longis,

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posterioribus 2.5—3 mm longis, antheris bilocularibus divaricatis binatim cohaerentibus; ovarium subsphaericum, puberulum, stylo filiformi ad 7.5 mm longo, stigmatibus duobus inaequalibus obovatis. Capsula ovoidea, juventute c. 2 mm diametro, 2-valvatim dehiscens. Floret Junio Julio; Augusto fructificat.

Anhui (安徽):Xiuning (休宁),Qiyunshan (齐云山) (Baiyue),Alt. 400 m, 1984. 09. 22., Guo Xinhu (郭新弧) 84922 (Type, ANU; Isotype, PE); the same locality (同地),1987.07.03. Guo Xinhu 87093.

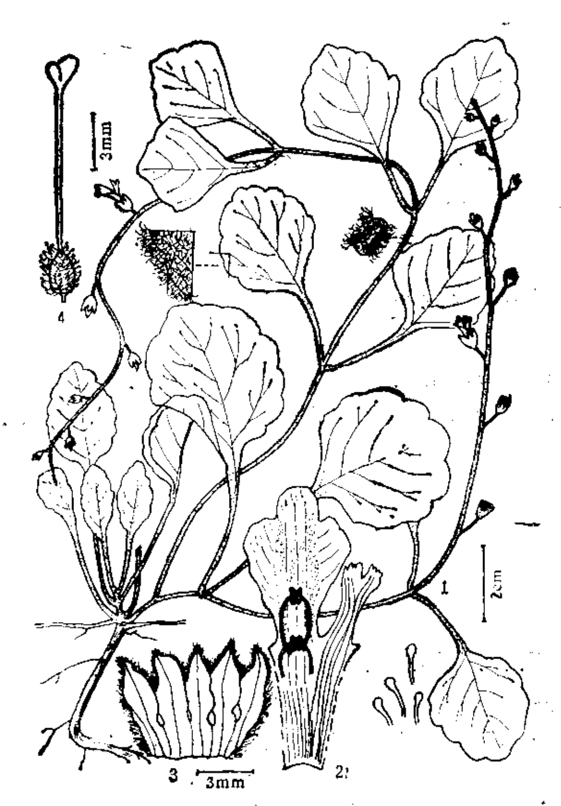


图 1 休宁通泉草 *Mazus xiuningensis* 1.植株 plant; 2.花冠展开 (右: 腺毛放大) corolla opened (right: glandular hairs enlarged); 3.花萼展开 calyx opened; 4.雌蕊 pistil.

多年生草本。主根细长。茎细弱,铺散,簇生,多分枝,密被短柔毛,着地逐节生不定根。叶基生和茎生,基生叶莲座状,圆形、卵圆形或椭圆形,大小不一,长 1—6 cm,宽 0.8—4 cm;先端圆或齿状急尖,基部突然收缩成楔状下延,边缘具不整齐的波状疏锯齿,两面疏被糙伏毛,嫩时毛尤密;叶柄长 1.5—6.5 cm,密被柔毛;茎生叶对生或互生,特征同基生叶,唯向上叶柄渐短,叶片较小;在着地的各基节上也生出莲座状的叶丛。总状花序顶生,花序轴纤细,密被短柔毛;花疏生 (约含花 3—10 朵);苞片不显;花梗长 0.5—6 mm,密被长柔毛;花萼阔钟形,外面被长柔毛,内面无毛,长 3—5 mm,5 深裂,裂片卵圆形,长 2—2.5mm;花冠白色或淡红色,二唇形,冠筒长 6—8 mm,上唇直立,长 4—6 mm,顶端 2 裂,裂片先端不整齐齿裂,下唇宽大,3 裂,中裂片长 7—9 mm,侧裂片长 5.5—7.5 mm,花冠内面在下唇中部和喉部有 2 凸起,上有黄色及紫色斑点,密被棒状腺毛;雄蕊 4,前对长于后对,插生花冠筒上,前对花丝长 3.5—4.5 mm,后对花丝长 2.5—3 mm,花药 2 室,药室叉开,两两成对靠合;子房近圆形,外被长柔毛,花柱线形,长达 7.5 mm,柱头不等 2 裂,裂片倒卵形。蒴果卵圆形,幼果径约 2 mm,2 瓣开裂。花期 6—7 月,果期 8—9 月。

根据体形特征,本种隶属通泉草组 Sect. Mazus,但子房有毛,与毛蕊组 Sect. Trichogynus 十分相近,可能是通泉草组内接近于毛蕊组的一个过渡类型。

本种近似于长柄通泉草 *M. henryi Tsoong*,但子房有毛;花萼较小(长 5mm 以下),萼齿超过萼全长的1/3;花冠上唇裂片先端不整齐齿裂等特征可与后者区别。